

Airport Green Business Center

Re: July 17th, 2009 to August 3, 2009 Milestone Report

- Attached are the readings for 51 meters in the Airport Business Center. The meters represent irrigation usage for members of Airport Business Center Owners' Association (ABCOA). Please note that baseline data could not be secured until the local jurisdiction made a determination as to how the State Water Board Order would be implemented. Initially, discussions centered on two methods: the first was a 2004 baseline (50% reduction) and the second a MAWA calculation. Both are represented on the attached spreadsheet.
- Note that the town of Windsor did not provide information to the ABCOA as to implementation of a water reduction program until July 2, 2009. Initially the Town asked for a 50% reduction from 2004 usage. The 2004 baseline on the attached spread sheet represents an average of known meter readings for period ending August 16, 2004. For purposes of this report, the averages of those meters were assumed to be the same usage for other properties where information was not available.
- Note that the 2009 time period covered for reading the meters was 18 days. Using 2004 data, we calculated all properties usage for 18 days. The data from 2004 covered the period from 6/10 to 8/16.
- Post discussions for usage of 2004 as baseline (also referenced in the State Water Board Order), the Town of Windsor asked that the ABCOA use 2007 as baseline for calculating a 50% reduction. However, given the timeline associated with reporting, there was no time to secure permission from the numerous owners for that data retrieval. Note that the Town of Windsor indicated that 2007 usage data was very similar to 2004. Since the first set of information is based on 2004 data, the ABCOA will continue to use 2004 as baseline.
- Note that the Town of Windsor further developed a MAWA formula:
 - $\text{Applied water for turf grass (gallons)} = (\text{ETo}) (\text{LAturf}) (0.64) (0.62)$This formula was applied for two reasons:
 - Meters are not separated out to read turf/non turf usage; and
 - Nearly all the meters read represent turf usage (conversations with ABCOA representative)
- Note that the ABCOA has designed "low water" demonstration gardens. These gardens are one component of designing a water use reduction program for the future. The ABCOA in concert with the Sonoma County Water Agency is coordinating efforts with other major commercial turf owners/managers to develop long term measures to conserve water. These meetings will commence in mid August, 2009.